

How To Build An EMS Bike Unit

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A Thank You

- To The NCEMS Foundation
- To You For Pursuing Professionalism
- To You For Continuing Your Education

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Building the EMS Bike Unit

Identify a Need

- To obtain visibility for the EMS Unit
- As a means of Public Relations
 - There is **NO Down Time**
 - There is **Public Relations Time**

Identify a Need:

➤ Gain access to a specific areas:

Congested Downtown Traffic

Construction Projects

Off-Road Areas, Athletic Fields,

Nature Trails, etc.

Lack of access due to Disasters

Identify a Need:

- Reduce Response Times

 - Early Defibrillation

- Reduce Ambulance Workload

 - Support the Bike Unit as Needed

- Enhance Existing Response Unit

 - Support the Ambulance as Needed

 - (Personnel / Equipment)

Identify a Need:

- Support Police or Fire Actions
- Health Fairs / Conventions
- Safety Rodeos
 - Bike Helmet Give-Aways
- Demonstrations

What to Evaluate as an EMS Bike Unit

➤ Geographical Coverage Area

How Big

How Small

Penn State vs.

Univ. of Penn.

➤ Response Protocols

Time Considerations

Number of Responding Personnel

What to Evaluate:

- State and Regional Protocols
 - BLS vs. ALS
- Equipment Issues
- Quantity
- Diversity
- Protection / Security of Medications

What to Evaluate:

➤ Data Collection:

Number of Events / How many days

How many Responses / Patient Contacts

Response Times

Lag Time: Bike vs. Ambulance

Need for Ambulance Support

Training for the EMS Bike Unit

➤ **You Need It !!!!**

➤ It Needs to be Conducted By:

Knowledgeable and Competent Instructors

➤ Needs to be Relative

Training Sources:

IPMBA

www.ipmba.org

IAMBU

www.medics-on-bikes.org

Training:

- Established in 1991
- Available in 17 Countries
- 4 Day EMS Cyclist Course 1997
- 4 Day Intermediate Cyclist Course 2004



Training:

- Established in 1998
- 3 Day EMS Cyclist Course
1998
- 4 Day Instructor Course



Equipment / Costs for EMS Bike Units

- Bikes: \$800 – \$1,400.00 per bike
- Pannier Bags: \$60 - \$250.00 per set
- Medical Equipment: Varies but you may have most of it already.
- Training:

An Expense but An Investment !!!!!

Benefits to the EMS Agency

- Recognition and Public Relations
- Community Involvement
- Low Cost
- Low Tech
- Ease of Maintenance
- No Pollution
- Morale Booster

Questions ???

Thank You !

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